## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1. (Currently Amended) A synchronization method of a UPnP ~~In a UPnP~~ (universal plug and play)-based network system, the method comprising:

~~a method of~~ performing a roaming function by including at least two CPs (control point)~~;~~ ~~wherein a synchronization method of a UPnP-based home network~~ ~~implements~~ and

implementing at least one UPnP device controllable by using at least one of the CPs, at least one of the CPs being recognizable as a UPnP device in the UPnP-based network system,

wherein each of the at least two CPs is capable of independently and directly managing and/or adjusting the UPnP device.

2. (Currently Amended) The method of claim 1, wherein at least one of the CPs performs ~~the CP performs~~ a CP function and a UPnP device function simultaneously by generating an imaginary UPnP device.

3. (Currently Amended) The method of claim 1, wherein the UPnP device is generated by role-switching at least one of the CPs ~~the CP~~.

4. (Currently Amended) The method of claim 3, wherein information about <u>at least one of</u> the CPs ~~the CP~~ before role-switching is transmitted through an advertisement message of the UPnP device.

5. (Original) The method of claim 4, wherein the advertisement message includes roaming state information of the UPnP device.

6. (Currently Amended) The method of claim 1, wherein <u>at least one of the CPs</u> ~~the CP~~ is constructed to be role-switched into the UPnP device by corresponding to a key input of a user according to roaming.

7. (Original) The method of claim 6, wherein the key input includes Korean, English, figures and special characters input function and a voice recognition function.

8. (Currently Amended) The method of claim 1, wherein ~~the CP~~<u>one of the CPs</u> classifies whether a message is an advertisement message of the UPnP device or a roaming message according to role-switch of a CP by checking a roaming state in Device Description, information of a media server and a media renderer and a presently user selecting item.

9. (Currently Amended) The method of claim 1, wherein <u>at least one of the CPs</u> ~~the CP~~ transmits a roaming message periodically for a certain time less than time recommended by a standard and is constructed to be role-switched again into a CP.

10. (Original) The method of claim 1, wherein the synchronization method further includes:

turning-on power of a CP to be used by a user after roaming;

storing information of a media server and a media renderer by checking a present roaming state through the CP; and

judging correspondence of protocols and data formats of the media renderer before/after role-switch and finishing the operation.


11. (Original) The method of claim 10, wherein the operation is finished when the protocols and the data formats are corresponded, when the protocols and the data formats are not corresponded, the operation is finished after matching-corresponding the media server and the media renderer.


12. (Currently Amended) A synchronization method of a UPnP In a UPnP (universal plug and play)-based home network system including a CP including at least two CPs (control point), a media server and a media renderer, a method of the method comprising:

having at least one of the CP the CPs performs a UPnP standard roaming function by having at least one of the CPs the CP role-switched into a UPnP device form,

wherein the CP is recognizable as a UPnP device in the UPnP-based home network system when role-switched into the UPnP device form, and

wherein each of the at least two CPs is capable of independently and directly managing/adjusting the UPnP device.

13. (Currently Amended) The method of claim 12, wherein at least one of the CPs the CP is role-switched into the UPnP device by corresponding to a key input according to user's roaming.

14. (Currently Amended) The method of claim 12, wherein at least one of the CPs the CP transmits CP information before role-switch by using an advertisement message of a SSDP (simple service discovery protocol) of the UPnP device.

15. (Currently Amended) The method of claim 12, wherein at least one of the CPs the CP is constructed to provide a roaming state in a Device Description; provide information of the media server and the media renderer; provide an item presently selected by the user; and classify whether a message is an advertisement message of the UPnP device or a roaming message according to role-switch of at least one of the CPs the CP.

16. (Currently Amended) The method of claim 15, wherein at least one of the CPs the CP transmits a roaming message periodically for a certain time less than time recommended by a standard and is constructed to be role-switched again into a CP.

17. (Currently Amended) A synchronization method of a UPnP In a UPnP (universal plug and play)-based home network system including a CP including at least two CPs (control point), a media server and a media renderer, a method of the method comprising:

having at least one of CPs the CP simultaneously perform a CP function and a UPnP device function by having at least one of the CPs the CP generate an imaginary UPnP device,

wherein the imaginary UPnP device is recognizable as a UPnP device in the UPnP-based

home network system, and

wherein each of the at least two CPs is capable of independently and directly managing

and/or adjusting the UPnP device.

18. (Currently Amended) The method of claim 17, wherein at least one of the CPs the CP

is constructed to be role-switched into the UPnP device by corresponding to a key input

according to a user's roaming.

19. (Currently Amended) The method of claim 17, wherein at least one of the CPs the CP

transmits CP information before role-switch by using an advertisement message of a SSDP

(simple service discovery protocol) of the UPnP device.

20. (Currently Amended) The method of claim 17, wherein one of the CPs the CP

classifies whether a message is an advertisement message of the UPnP device or a roaming

message according to role-switch of a CP by transmitting information such as a roaming state in

Device Description, information of a media server and a media renderer and a presently user

selecting item periodically for a certain time less than time recommended by a standard.

21. (New) The method of claim 1, wherein the at least two CPs and the UPnP device are

part of the same UPnP-based network system.

22. (New) The method of claim 12, wherein the CP and the UPnP device are part of the same UPnP-based network system.

23. (New) The method of claim 17, wherein the at least two CPs and the UPnP device are part of the same UPnP-based network system.

24. (New) A UPnP (universal plug and play)-based home network system, comprising

at least two CPs (control points); and

at least one UPnP device controllable by using at least one of the CPs,

wherein at least one of the CPs is recognizable as a UPnP device in the UPnP-based home network system, and

wherein each of the CPs is capable of independently and directly managing and/or adjusting the UPnP device.

25. (New) The system of claim 24, wherein the at least one of the CPs performs a CP function and a UPnP device function simultaneously by generating an imaginary UPnP device.

26. (New) The system of claim 24, wherein the UPnP device is generated by role-switching the at least one of the CPs.

27. (New) The system of claim 26, wherein information about the at least one of the CPs before role-switching is transmitted through an advertisement message of the UPnP device.

28. (New) The system of claim 27, wherein the advertisement message includes roaming state information of the UPnP device.

29. (New) The system of claim 24, wherein the at least one of the CPs is constructed to be role-switched into the UPnP device by corresponding to a key input of a user according to roaming.

30. (New) The system of claim 24, wherein one of the CPs classifies whether a message is an advertisement message of the UPnP device or a roaming message according to role-switch of a CP by checking a roaming state in Device Description, information of a media server and a media renderer and a presently user selecting item.

31. (New) The system of claim 24, wherein the at least one of the CPs transmits a roaming message periodically for a certain time less than time recommended by a standard and is constructed to be role-switched again into a CP.

32. (New) The system of claim 24, wherein the at least two CPs and the UPnP device are part of the same UPnP-based network system.